

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,489,107 B2  
APPLICATION NO. : 10/517674  
DATED : February 10, 2009  
INVENTOR(S) : T. Hartley et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 32, Claim 1, lines 23-24: Change “hybrid cell model approach” to “hybrid cell-modeling approach”

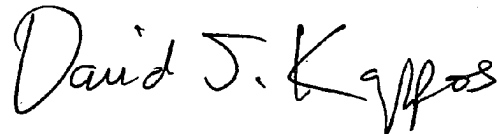
Col. 33, Claim 4, lines 50-51: Change “hybrid cell model approach” to “hybrid cell-modeling approach”

Col. 34, Claim 15, lines 18-19: Change “and aid estimated” to “and an estimated”

Col. 34, Claim 17, lines 20-21: Change “and aid estimated” to “and an estimated”

Signed and Sealed this

Fifteenth Day of September, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*